



» Future readiness relies on sustainable actions taken today



Sustainability is an essential factor in meeting the Army's readiness challenge for the 21st century. Global competition is increasing for limited resources such as land, air, water, and energy. Drought and global climate change represent emerging national security risks. The Army is transforming business practices, enhancing management procedures, developing innovative technologies, and integrating net zero approaches across an entire enterprise. These changes will eliminate organizational inefficiencies while achieving administration goals for increasing energy efficiency, reducing greenhouse gas emissions, conserving water resources, preventing pollution, and eliminating waste through reduction, reuse, and recovery.



Ensure future readiness – take action today

ENERGY



Energy is essential to Army operations at home and abroad, whether it is energy to power barracks, offices, and depots, mobility fuels for tactical equipment, or fuels to support expeditionary forces. The availability, cost, and transportation requirements of fossil fuels create a substantial financial and logistical burden and energy security concern.

WATER



The provision of water in combat scenarios creates substantial financial and logistical burdens and puts Soldiers at risk. At permanent installations, providing a safe and adequate supply of water, and the ability to collect, treat, and recycle sanitary and industrial sources of wastewater are key functions in stationing Soldiers and producing materiel.

AIR QUALITY



Air quality directly affects the health of military and civilian personnel. Particulates are often the byproducts of operating installations, producing materiel, operating and maintaining combat/support/service systems, and training. Greenhouse gases and other pollutants are generated from stationary sources such as energy production facilities and mobile sources such as vehicles, aircraft, and tactical equipment.

WASTE



Waste can pose significant health and safety issues and involve substantial financial, logistical, and regulatory burdens. Depots, arsenals, and industrial plants generate significant quantities of waste associated with manufacturing processes, maintenance activities, shipping, and other materiel-related functions.

PLANNING AND CONSERVATION



Planning and conservation are critical to readiness. Realistic and representative training environments are necessary in order to properly train personnel. Threatened and endangered species and their habitats, the presence of items of cultural significance or encroachment of surrounding communities can limit the timing, scope, and duration of operational activities.



Successful completion of this program will competitively position Soldiers and civilians seeking advancement in their careers. It will also better enable future generations of Army and Army National Guard leaders to make an even larger difference:

- » Save lives by increasing readiness and maximizing efficiencies
- » Minimize the Army's environmental footprint through energy, water, and resource conservation
- » Improve the quality of life for Soldiers, civilians, and communities



Established in 2007, Arizona State University's School of Sustainability is the first of its kind in the United States. The school is dedicated to interdisciplinary study of the environmental, economic, and social challenges of the 21st century.

SUSTAINABILITY LEADERSHIP CERTIFICATE

» Accept the Challenge

Provided by ASU Exclusively for the U.S. Army and Army National Guard
ASU's online graduate certificate in Sustainability Leadership is a five-course program specifically designed to assist eligible Soldiers and civilians in the United States Army and Army National Guard in fulfilling the goals of the 2010 Army Sustainability Campaign Plan.

ASU online
ARIZONA STATE UNIVERSITY

ACCEPT THE CHALLENGE

» Enroll Today

For more information go to
<http://sustainabilityonline.asu.edu>

Advance your career

“Sustainability is an organizing principle and framework for decision making and an ongoing institutional process that reflects total commitment to excellence, with continuous improvement to achieve policy goals and national priorities . . . there is no end state.”

Army Sustainability Campaign Plan

“Living in harmony with our social and natural environment, based on a sense of justice and equity.”

Sander van der Leeuw
Dean
School of Sustainability

“Doing the right is good. Doing the right thing for the right reason and with the right intention is even better.”

Army Leadership Manual

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“Without the innovation and drive to obtain greater operational benefits with fewer resources, we will be unable to mitigate future challenges and adapt to meet our national security mission.”

Army Leadership Manual

“Sustainability is a concept with as much transformative potential as justice, liberty, and equality.”

Michael Crow
President
Arizona State University

“Sustainability is essential for an enduring Army on a planet of finite resources. It is our gift, our legacy, and our duty.”

Joseph Knott
Lieutenant Colonel
Army National Guard



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